

REMARKS

This amendment is responsive to the Office Action mailed August 12, 2004. Claims 11-32 are pending in the application. Claims 11, 14, 16, 19, and 20 have been amended only as to form. Claims 11, 19, and 20 each recite "a negative impedance amplifier operable for reflecting and amplifying a signal applied to the amplifier", thus providing an antecedent basis for "switching means for switching the amplifier between two reflecting states..." as recited thereafter in the claims. The amendments to Claims 11, 14, 16, 19, and 20 do not narrow the scope of the claims nor should they be construed as narrowing the scope of the claims. Additionally, the amendments are not required for purposes of patentability, but rather place the claims in better form for publication in a patent. Claims 21-32 have been added.

As to substance, applicant has carefully considered the disclosure of Camiade et al. (US 5,305,469) and respectfully submits that the rejection of Claims 11-20 as being anticipated by Camiade is in error. Applicant further submits that new Claims 21-32 are patentable over Camiade.

Camiade fails to anticipate the claimed invention. Nowhere does Camiade teach or suggest selecting the impedances in two reflecting states such that a phase of a reflected and amplified signal switches by substantially 180°. Camiade also fails to teach or suggest biasing an amplifier in a first state wherein the amplifier reflects a first signal having a first phase, and in a second state wherein the amplifier reflects a second signal having a second phase that differs substantially from the first phase.

Camiade describes a modem having a transistor 11 that operates in either one of two states: (1) a vigil state wherein the transistor acts as a detector in the reception of a signal, or (2) an active state wherein the transistor acts as an amplifier for the transmission of a signal. See, *e.g.*, col. 2, lines 45-53 of Camiade. In the vigil state, the transistor 11 does not reflect and

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amplify a signal applied to the transistor. See, *e.g.*, col. 4, lines 16-18. The vigil state is not a reflecting state. When in the active state, it is not taught or suggested that the transistor is switched between impedances that differ substantially.

CONCLUSION

Camiade does not anticipate Claims 11-32. Applicant respectfully requests reconsideration of the present application and allowance of Claims 11-32 as discussed above.

Respectfully submitted,

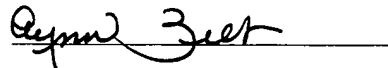
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Date: February 14, 2005



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